Abstract of the Disclosure

A computerized method for managing router metadata performs the following tasks. A metadata file is created which is an ASCII representation of objects in a router. The router metadata is read by an application such a service management system application. The

5 metadata is converted into a runtime object model. In one embodiment, the objects in the runtime object model are loaded onto a router or a service processing switch using SNMP functions. The objects are then inserted into the SNMP MIB.

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